



## ANALYTICAL REPORT

Lab Number:	L1011274
Client:	Haley & Aldrich, Inc. 800 Connecticut Blvd. Suite 100 East Hartford, CT 06108-7303
ATTN:	Deborah Motycka Downie
Phone:	(860) 282-9400
Project Name:	23 BARRY PLACE
Project Number:	35034-004
Report Date:	08/04/10

Certifications & Approvals: MA (M-MA030), NY (11627), CT (PH-0141), NH (2206), NJ (MA015), RI (LAO00299), ME (MA0030), PA (Registration #68-02089), LA NELAC (03090), FL NELAC (E87814), US Army Corps of Engineers.

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<b>Alpha Sample ID</b>	<b>Client ID</b>	<b>Sample Location</b>	<b>Collection Date/Time</b>
L1011274-01	HA-AOC21-B201-S8	Not Specified	06/29/10 10:55

**Project Name:** 23 BARRY PLACE  
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**CT DEP Reasonable Confidence Protocols  
Laboratory Analysis  
QA/QC Certification Form**

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed (including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents)?	YES
1a	Were the method specified preservation and holding time requirements met?	YES
1b	VPH & EPH Methods Only: Was the VPH or EPH Method conducted without significant modifications (see Section 11.3 of respective Methods)?	N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	YES
3	Were all samples received at an appropriate temperature ( $4^{\circ}\text{C} \pm 2^{\circ}$ )?	YES
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	YES
5a	Were reporting limits specified or referenced on the chain-of-custody?	YES
5b	Were these reporting limits met?	YES
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	YES
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	NO

**Note:** For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or question B is "No", the data package does not meet the requirements for "Reasonable Confidence".

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### Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

For additional information, please contact Client Services at 800-624-9220.

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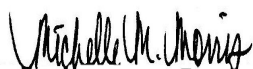
### RCP Related Narratives

#### Report Submission

All RCP required questions were answered with affirmative responses; therefore, there are no relevant data issues to discuss.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Michelle M. Morris

Title: Technical Director/Representative

Date: 08/04/10

# ORGANICS

# PCBS

**Project Name:** 23 BARRY PLACE**Lab Number:** L1011274**Project Number:** 35034-004**Report Date:** 08/04/10**SAMPLE RESULTS**

**Lab ID:** L1011274-01  
**Client ID:** HA-AOC21-B201-S8  
**Sample Location:** Not Specified  
**Matrix:** Soil  
**Analytical Method:** 77,8082  
**Analytical Date:** 08/02/10 19:05  
**Analyst:** KB  
**Percent Solids:** 92%

**Date Collected:** 06/29/10 10:55  
**Date Received:** 06/30/10  
**Field Prep:** Not Specified  
**Extraction Method:** EPA 3540C  
**Extraction Date:** 07/29/10 22:50  
**Cleanup Method1:** EPA 3665A  
**Cleanup Date1:** 08/02/10  
**Cleanup Method2:** EPA 3660B  
**Cleanup Date2:** 08/02/10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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**CT RCP Polychlorinated Biphenyls - Westborough Lab**

Aroclor 1016	ND		ug/kg	20.5	--	1
Aroclor 1221	ND		ug/kg	20.5	--	1
Aroclor 1232	ND		ug/kg	20.5	--	1
Aroclor 1242	ND		ug/kg	20.5	--	1
Aroclor 1254	ND		ug/kg	20.5	--	1
Aroclor 1262	ND		ug/kg	6.84	--	1
Aroclor 1268	ND		ug/kg	6.84	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	52		30-150	B

**Project Name:** 23 BARRY PLACE**Lab Number:** L1011274**Project Number:** 35034-004**Report Date:** 08/04/10**SAMPLE RESULTS**

**Lab ID:** L1011274-01  
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**Sample Location:** Not Specified  
**Matrix:** Soil  
**Analytical Method:** 77,8082  
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**Extraction Method:** EPA 3540C  
**Extraction Date:** 07/29/10 22:50  
**Cleanup Method1:** EPA 3665A  
**Cleanup Date1:** 08/02/10  
**Cleanup Method2:** EPA 3660B  
**Cleanup Date2:** 08/02/10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
CT RCP Polychlorinated Biphenyls - Westborough Lab						
Aroclor 1248	225		ug/kg	13.7	--	1
Aroclor 1260	255		ug/kg	13.7	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	52		30-150	B



Project Name: 23 BARRY PLACE

Lab Number: L1011274

Project Number: 35034-004

Report Date: 08/04/10

### Method Blank Analysis Batch Quality Control

Analytical Method: 77,8082  
 Analytical Date: 08/02/10 19:17  
 Analyst: KB

Extraction Method: EPA 3540C  
 Extraction Date: 07/29/10 22:50  
 Cleanup Method1: EPA 3665A  
 Cleanup Date1: 08/02/10  
 Cleanup Method2: EPA 3660B  
 Cleanup Date2: 08/02/10

Parameter	Result	Qualifier	Units	RL	MDL
CT RCP Polychlorinated Biphenyls - Westborough Lab for sample(s): 01 Batch: WG425194-1					
Aroclor 1016	ND		ug/kg	20.0	--
Aroclor 1221	ND		ug/kg	20.0	--
Aroclor 1232	ND		ug/kg	20.0	--
Aroclor 1242	ND		ug/kg	20.0	--
Aroclor 1248	ND		ug/kg	13.3	--
Aroclor 1254	ND		ug/kg	20.0	--
Aroclor 1260	ND		ug/kg	13.3	--
Aroclor 1262	ND		ug/kg	6.67	--
Aroclor 1268	ND		ug/kg	6.67	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	43		30-150	A
Decachlorobiphenyl	40		30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	45		30-150	B

**Lab Control Sample Analysis****Batch Quality Control****Project Name:** 23 BARRY PLACE**Project Number:** 35034-004**Lab Number:** L1011274**Report Date:** 08/04/10

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
CT RCP Polychlorinated Biphenyls - Westborough Lab Associated sample(s): 01 Batch: WG425194-2 WG425194-3								
Aroclor 1016	120		127		40-140	6		30
Aroclor 1260	58		78		40-140	29		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	36		41		30-150	A
Decachlorobiphenyl	36		43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		55		30-150	B
Decachlorobiphenyl	54		54		30-150	B

# **INORGANICS & MISCELLANEOUS**

**Project Name:** 23 BARRY PLACE**Project Number:** 35034-004**Lab Number:** L1011274**Report Date:** 08/04/10**SAMPLE RESULTS**

**Lab ID:** L1011274-01  
**Client ID:** HA-AOC21-B201-S8  
**Sample Location:** Not Specified  
**Matrix:** Soil

**Date Collected:** 06/29/10 10:55  
**Date Received:** 06/30/10  
**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92		%	0.10	NA	1	-	07/27/10 10:25	30,2540G	AC



**Lab Duplicate Analysis**  
Batch Quality Control**Project Name:** 23 BARRY PLACE**Project Number:** 35034-004**Lab Number:** L1011274**Report Date:** 08/04/10

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG424618-1 QC Sample: L1011295-01 Client ID: DUP Sample						
Solids, Total	91	92	%	1		20

**Project Name:** 23 BARRY PLACE**Project Number:** 35034-004**Lab Number:** L1011274**Report Date:** 08/04/10**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

**Reagent H2O Preserved Vials Frozen on:** NA**Cooler Information Custody Seal****Cooler**

A Absent

**Container Information**

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1011274-01A	Amber 250ml unpreserved	A	N/A	2	Y	Absent	TS(7),CT-8082LL()

**Container Comments**

L1011274-01A

\*Values in parentheses indicate holding time in days

**Project Name:** 23 BARRY PLACE  
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## GLOSSARY

### *Acronyms*

EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

### *Terms*

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

### *Data Qualifiers*

<b>A</b>	- Spectra identified as "Aldol Condensation Product".
<b>B</b>	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank.
<b>D</b>	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
<b>E</b>	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
<b>H</b>	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
<b>I</b>	- The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference.
<b>P</b>	- The RPD between the results for the two columns exceeds the method-specified criteria.
<b>Q</b>	- The quality control sample exceeds the associated acceptance criteria. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
<b>R</b>	- Analytical results are from sample re-analysis.

*Report Format:* Data Usability Report



**Project Name:** 23 BARRY PLACE**Lab Number:** L1011274**Project Number:** 35034-004**Report Date:** 08/04/10***Data Qualifiers*****RE** - Analytical results are from sample re-extraction.**J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).**ND** - Not detected at the reporting limit (RL) for the sample.



**Project Name:** 23 BARRY PLACE  
**Project Number:** 35034-004

**Lab Number:** L1011274  
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## REFERENCES

- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.
- 77 Connecticut DEP Quality Assurance and Quality Control Requirements for SW-846 Methods. CTDEP Reasonable Confidence Protocols (RCPs). Version 1.0, July 2005.

## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



## Certificate/Approval Program Summary

Last revised July 19, 2010 – Mansfield Facility

The following list includes only those analytes/methods for which certification/approval is currently held. For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

### **Connecticut Department of Public Health Certificate/Lab ID: PH-0141.**

*Wastewater/Non-Potable Water* (Inorganic Parameters: pH, Turbidity, Conductivity, Alkalinity, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Vanadium, Zinc, Total Residue (Solids), Total Suspended Solids (non-filterable), Total Cyanide. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables, Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, PAHs, Haloethers, Chlorinated Hydrocarbons, Volatile Organics.)

*Solid Waste/Soil* (Inorganic Parameters: pH, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc, Total Organic Carbon, Total Cyanide, Corrosivity, TCLP 1311. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Volatile Organics, Acid Extractables, Benzidines, Phthalates, Nitrosamines, Nitroaromatics & Cyclic Ketones, PAHs, Haloethers, Chlorinated Hydrocarbons.)

### **Florida Department of Health Certificate/Lab ID: E87814. *NELAP Accredited.***

*Non-Potable Water* (Inorganic Parameters: SM2320B, EPA 120.1, SM2510B, EPA 245.1, EPA 150.1, EPA 160.2, SM2540D, EPA 335.2, SM2540G, EPA 180.1. Organic Parameters: EPA 625, 608.)

*Solid & Chemical Materials* (Inorganic Parameters: 6020, 7470, 7471, 9045, 9014. Organic Parameters: EPA 8260, 8270, 8082, 8081.)

*Air & Emissions* (EPA TO-15.)

### **Louisiana Department of Environmental Quality Certificate/Lab ID: 03090. *NELAP Accredited.***

*Non-Potable Water* (Inorganic Parameters: EPA 120.1, 150.1, 160.2, 180.1, 200.8, 245.1, 310.1, 335.2, 608, 625, 1631, 3010, 3015, 3020, 6020, 9010, 9014, 9040, SM2320B, 2510B, 2540D, 2540G, 4500CN-E, 4500H-B, Organic Parameters: EPA 3510, 3580, 3630, 3640, 3660, 3665, 5030, 8015 (mod), 3570, 8081, 8082, 8260, 8270, )

*Solid & Chemical Materials* (Inorganic Parameters: 6020, 7196, 7470, 7471, 7474, 9010, 9014, 9040, 9045, 9060. Organic Parameters: EPA 8015 (mod), EPA 3570, 1311, 3050, 3051, 3060, 3580, 3630, 3640, 3660, 3665, 5035, 8081, 8082, 8260, 8270.)

*Biological Tissue* (Inorganic Parameters: EPA 6020. Organic Parameters: EPA 3570, 3510, 3610, 3630, 3640, 8270.)

### **Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA030.**

*Non-Potable Water* (Inorganic Parameters: SM4500H+B. Organic Parameters: EPA 624.)

### **New Hampshire Department of Environmental Services Certificate/Lab ID: 2206. *NELAP Accredited.***

*Non-Potable Water* (Inorganic Parameters: EPA 200.8, 245.1, 1631E, 120.1, 150.1, 180.1, 310.1, 335.2, 160.2, SM2540D, 2540G, 4500CN-E, 4500H+B, 2320B, 2510B. Organic Parameters: EPA 625, 608.)

### **New Jersey Department of Environmental Protection Certificate/Lab ID: MA015. *NELAP Accredited.***

*Non-Potable Water* (Inorganic Parameters: SW-846 1312, 3010, 3020A, 3015, 6020, SM2320B, EPA 200.8, SM2540C, 2540D, 2540G, EPA 120.1, SM2510B, EPA 180.1, 245.1, 1631E, SW-846 9040B, 6020, 9010B, 9014 Organic Parameters: EPA 608, 625, SW-846 3510C, 3580A, 5030B, 3035L, 5035H, 3630C, 3640A, 3660B, 3665A, 8081A, 8082 8260B, 8270C)

*Solid & Chemical Materials* (Inorganic Parameters: SW-846 6020, 9010B, 9014, 1311, 1312, 3050B, 3051, 3060A, 7196A, 7470A, 7471A, 9045C, 9060. Organic Parameters: SW-846 3580A, 5030B, 3035L, 5035H, 3630C, 3640A, 3660B, 3665A, 8081A, 8082, 8260B, 8270C, 3570, 8015B.)

*Atmospheric Organic Parameters* (EPA TO-15)

*Biological Tissue* (Inorganic Parameters: SW-846 6020 Organic Parameters: SW-846 8270C, 3510C, 3570, 3610B, 3630C, 3640A)

**New York Department of Health** Certificate/Lab ID: 11627. **NELAP Accredited.**

*Non-Potable Water* (Inorganic Parameters: EPA 310.1, SM2320B, EPA 365.2, 160.1, EPA 160.2, SM2540D, EPA 200.8, 6020, 1631E, 245.1, 335.2, 9014, 150.1, 9040B, 120.1, SM2510B, EPA 376.2, 180.1, 9010B. Organic Parameters: EPA 624, 8260B, 8270C, 608, 8081A, 625, 8082, 3510C, 3511, 5030B.)

*Solid & Hazardous Waste* (Inorganic Parameters: EPA 9040B, 9045C, SW-846 Ch7 Sec 7.3, EPA 6020, 7196A, 7471A, 7474, 9014, 9040B, 9045C, 9010B. Organic Parameters: EPA 8260B, 8270C, 8081A, DRO 8015B, 8082, 1311, 3050B, 3580, 3050B, 3035, 3570, 3051, 5035, 5030B.)

*Air & Emissions* (EPA TO-15.)

**Rhode Island Department of Health** Certificate/Lab ID: LAO00299. **NELAP Accredited via LA-DEQ.**

Refer to MA-DEP Certificate for Non-Potable Water.

Refer to LA-DEQ Certificate for Non-Potable Water.

**Texas Commission of Environmental Quality** Certificate/Lab ID: T104704419-08-TX. **NELAP Accredited.**

*Solid & Chemical Materials* (Inorganic Parameters: EPA 6020, 7470, 7471, 1311, 7196, 9014, 9040, 9045, 9060. Organic Parameters: EPA 8015, 8270, 8260, 8081, 8082.)

*Air* (Organic Parameters: EPA TO-15)

**U.S. Army Corps of Engineers**

**Department of Defense** Certificate/Lab ID: L2217.01.

*Solid & Hazardous Waste* (Inorganic Parameters: EPA 1311, 1312, 3051, 6020, 747A, 7474, 9045C, 9060, SM 2540G, ASTM D422-63. Organic Parameters: EPA 3580, 3570, 3540C, 5035, 8260B, 8270C, 8270 Alk-PAH, 8082, 8081A, 8015 (SHC), 8015 (DRO).

*Air & Emissions* (EPA TO-15.)

**Analytes Not Accredited by NELAP**

Certification is not available by NELAP for the following analytes: **8270C**: Biphenyl.

## Certificate/Approval Program Summary

Last revised July 19, 2010 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.  
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

### Connecticut Department of Public Health Certificate/Lab ID: PH-0574. **NELAP Accredited Solid Waste/Soil.**

*Drinking Water* (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP), Ethylene Dibromide (EDB), 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223 P/A), E. Coli. – Colilert (SM9223 P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D))

*Wastewater/Non-Potable Water* (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E).)

*Solid Waste/Soil* (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Volatile Organics, Acid Extractables (Phenols), 3,3'-Dichlorobenzidine, Phthalates, Nitrosamines, Nitroaromatics & Cyclic Ketones, PAHs, Haloethers, Chlorinated Hydrocarbons. )

### Maine Department of Human Services Certificate/Lab ID: 2009024.

*Drinking Water* (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 300.0, 353.2, SM2130B, 2320B, 4500CI-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

*Wastewater/Non-Potable Water* (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, Lachat 10-107-06-1-B, SM2320B, 2340B, 2510B, 2540C, 2540D, 426C, 4500CI-D, 4500CI-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NH3-H, 4500NO3-F, 4500P-B.5, 4500P-E, 5210B, 5220D, 5310C, EPA 200.7, 200.8, 245.1. Organic Parameters: 608, 624, ME DRO, ME GRO, MA EPH, MA VPH.)

*Solid Waste/Soil* (Organic Parameters: ME DRO, ME GRO, MA EPH, MA VPH.)

### Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.

#### *Drinking Water*

Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl)

(EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate)

353.2 for: Nitrate-N, Nitrite-N; SM4500NO3-F, 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, 2320B, SM2540C, SM4500H-B.

Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics)

(504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), 314.0, 332.

Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; MF-SM9222D

#### *Non-Potable Water*

Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn)

(EPA 200.7 for: Al,Sb,As,Be,Cd,Cr,Co,Cu,Fe,Pb,Mn,Mo,Ni,Se,Ag,Sr,Ti,Tl, V,Zn,Ca,Mg,Na,K)

245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2540B, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-B,C-Titr, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420, SM4500-CN-CE, SM2540D.

Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics)

(608 for: Chlordane, Aldrin, Dieldrin, DDD, DDE, DDT, Heptachlor, Heptachlor Epoxide, PCBs-Water), EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables, 600/4-81-045-PCB-Oil

**New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. *NELAP Accredited.***

*Drinking Water (Inorganic Parameters:* SM6215B, 9222B, 9223B Colilert, EPA 200.7, 200.8, 245.2, 120.1, 300.0, 314.0, SM4500CN-E, 4500H+B, 4500NO<sub>3</sub>-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 331.0. *Organic Parameters:* 504.1, 524.2, SM6251B.)

*Non-Potable Water (Inorganic Parameters:* SM9222D, 9221B, 9222B, 9221E-EC, EPA 200.7, 200.8, 245.1, 245.2, SW-846 6010B, 6020, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 351.1, 353.2, 420.1, 1664A, SW-846 9010, 9030, 9040B, SM426C, SM2310B, 2540B, 2540D, 4500H+B, 4500NH<sub>3</sub>-H, 4500NH<sub>3</sub>-E, 4500NO<sub>2</sub>-B, 4500P-E, 4500-S<sub>2</sub>-D, 5210B, 2320B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-117-07-1-B, LACHAT 10-107-06-1-B, LACHAT 10-107-04-1-C, LACHAT 10-107-04-1-J, LACHAT 10-117-07-1-A, SM4500CL-E, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D. *Organic Parameters:* SW-846 3005A, 3015A, 3510C, 5030B, 8021B, 8260B, 8270C, 8330, EPA 624, 625, 608, SW-846 8082, 8081A.)

*Solid & Chemical Materials (Inorganic Parameters:* SW-846 6010B, 7196A, 7471A, 7.3.3.2, 7.3.4.2, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040, 9045C, 9050C, 1311, 3005A, 3050B, 3051A. *Organic Parameters:* SW-846 3540C, 3545, 3580A, 5030B, 5035, 8021B, 8260B, 8270C, 8330, 8151A, 8082, 8081A.)

**New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. *NELAP Accredited.***

*Drinking Water (Inorganic Parameters:* SM9222B, 9221E, 9223B, 9215B, 4500NO<sub>3</sub>-F, 4500F-C, EPA 300.0, 200.7, 2540C, 2320B, 314.0, SM2120B, 2510B, 5310C, SM4500H-B, EPA 200.8, 245.2. *Organic Parameters:* 504.1, SM6251B, 524.2.)

*Non-Potable Water (Inorganic Parameters:* SM5210B, EPA 410.4, SM5220D, 4500Cl-D, EPA 300.0, SM2120B, SM4500F-BC, EPA 200.7, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO<sub>3</sub>-F, 4500NO<sub>2</sub>-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM4500P-B<sub>5</sub>+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, SM15 426C, SM9221CE, 9222D, 9221B, 9222B, 9215B, 2310B, 2320B, 4500NH<sub>3</sub>-H, 4500-S D, EPA 350.1, SM5210B, SW-846 3015, 6020, 7470A, 5540C, 4500H-B, EPA 200.8, SM3500Cr-D, EPA 245.1, 245.2, SW-846 9040B, 3005A, EPA 6010B, 7196A, SW-846 9010B, 9030B. *Organic Parameters:* SW-846 8260B, 8270C, 3510C, EPA 608, 624, 625, SW-846 5030B, 8021B, 8081A, 8082, 8151A, 8330, NJ OQA-QAM-025 Rev.7.)

*Solid & Chemical Materials (Inorganic Parameters:* SW-846 9040B, 3005A, 6010B, 7196A, 5030B, 9010B, 9030B, 1030, 1311, 3050B, 3051, 7471A, 9014, 9012A, 9045C, 9050A, 9065. *Organic Parameters:* SW-846 8021B, 8081A, 8082, 8151A, 8330, 8260B, 8270C, 1311, 1312, 3540C, 3545, 3550B, 3580A, 5035L, 5035H, NJ OQA-QAM-025 Rev.7.)

**New York Department of Health Certificate/Lab ID: 11148. *NELAP Accredited.***

*Drinking Water (Inorganic Parameters:* SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 314.0, 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500H-B, 4500NO<sub>3</sub>-F, 2540C, EPA 120.1, SM 2510B. *Organic Parameters:* EPA 524.2, 504.1.)

*Non-Potable Water (Inorganic Parameters:* SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, LACHAT 10-117-07-1A or B, SM4500Cl-E, 4500F-C, SM15 426C, EPA 350.1, LACHAT 10-107-06-1-B, SM4500NH<sub>3</sub>-H, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, LACHAT 10-107-041-C, SM4500-NO<sub>3</sub>-F, 4500-NO<sub>2</sub>-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6020, EPA 7196A, SM3500Cr-D, EPA 245.1, 245.2, 7470A, SM2120B, SM4500-CN-E LACHAT 10-204-00-1-A, EPA 9040B, SM4500-HB, EPA 1664A, SM5310C, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015. *Organic Parameters:* EPA 624, 8260B, 8270C, 625, 608, 8081A, 8151A, 8330, 8082, EPA 3510C, 5030B, 9010B, 9030B.)

*Solid & Hazardous Waste (Inorganic Parameters:* 1010, 1030, SW-846 Ch 7 Sec 7.3, EPA 6010B, 7196A, 7471A, 9012A, 9014, 9040B, 9045C, 9065, 9050, EPA 1311, 1312, 3005A, 3050B, 9010B, 9030B. *Organic Parameters:* EPA 8260B, 8270C, 8081A, 8151A, 8330, 8082, 3540C, 3545, 3546, 3580, 5030B, 5035.)

**North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. *Organic Parameters:* MA-EPH, MA-VPH.**

**Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. *NELAP Accredited.***

*Non-Potable Water (Organic Parameters:* EPA 3510C, 5030B, 625, 624. 608, 8081A, 8082, 8151A, 8260B, 8270C, 8330)

*Solid & Hazardous Waste (Inorganic Parameters:* EPA 1010, 1030, 1311, 3050B, 3051, 6010B, EPA 7.3.3.2, EPA 7.3.4.2, 7196A, 7471A, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065. *Organic Parameters:* 3540C, 3545, 3580A, 5035, 8021B, 8081A, 8082, 8151A, 8260B, 8270C, 8330)

**Rhode Island Department of Health Certificate/Lab ID: LAO00065. *NELAP Accredited via NY-DOH.***

Refer to MA-DEP Certificate for Potable and Non-Potable Water.

Refer to NY-DOH Certificate for Potable and Non-Potable Water.

**Texas Commission on Environmental Quality Certificate/Lab ID: T104704476-09-1. *NELAP Accredited.***

*Non-Potable Water* (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 376.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 S<sup>2-</sup> D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

*Solid & Hazardous Waste* (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

**Department of Defense Certificate/Lab ID: L2217.**

*Drinking Water* (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

*Non-Potable Water* (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6020, 245.1, 245.2, 7470A, 9040B, 300.0, 9251, 9038, 350.1, 353.2, 351.1, 120.1, 9050A, 410.4, 9060, 1664, 420.1, LACHAT 10-107-06-1-B, SM 4500CN-E, 4500H-B, 4500CL-E, 4500F-BC, 4500SO4-E, 426C, 4500NH3-B, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500Norg-C, 4500PE, 2510B, 5540C, 5220D, 5310C, 2540B, 2540C, 2540D, 510C, 4500S2-AD, 3005A, 3015, 9010B, 9030B. Organic Parameters: EPA 8260B, 8270C, 8330, 625, 8082, 8151A, 8081A, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

*Solid & Hazardous Waste* (Inorganic Parameters: EPA 200.7, 6010B, 7471A, 9040B, 9045C, 9065, 420.1, 9012A, 6860, 1311, 1312, 3050B, 9030B, 3051, 9010B, 3540C, SM 510ABC, 4500CN-CE, 2540G, SW-846 7.3, Organic Parameters: EPA 8260B, 8270C, 8330, 8082, 8081A, 8151A, 3545, 3546, 3580, 5035, MassDEP EPH, MassDEP VPH.)

**Analytes Not Accredited by NELAP**

Certification is not available by NELAP for the following analytes: **EPA 8260B**: Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A**: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C**: Methyl naphthalene, Dimethyl naphthalene, Total Methyl naphthalenes, Total Dimethyl naphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625**: 4-Chloroaniline. **EPA 350.1** for Ammonia in a Soil matrix.

ALPHA Job # 61009805-N 61011274**HALEY & ALDRICH**Haley & Aldrich, Inc.  
800 Connecticut Blvd.  
East Hartford, CT 06108**CHAIN OF CUSTODY RECORD**Phone (860) 282-9400  
Fax (860) 282-9500  
Page 1 of 7

B&amp;A FILE NO. 35034-004

PROJECT NAME 23 Barry Place

B&amp;A CONTACT Elise Danaher

LABORATORY

ADDRESS

CONTACT

Alpha Analytical  
Westborough, MA

Gina Hall

DELIVERY DATE

TURNAROUND TIME

PROJECT MANAGER

30 June 2016

Normal 15:00 PM 7/1/16

D. Moyle-Dowrie

Sample No.	Date	Time	Depth (ft bgs)	Type	VOCs by 8260	ETPH by CTDEP	PAHs only by 8270	PCBs by EPA method 8082	Total 8 RCRA	SPLP	NOI	Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)
HA-ACC21-8201-51	6-29-10	0945	0-0.5	Soil				X				1	Please Analyze As Indicated:  PCBs by EPA Method 8082 - Soxhlet extraction  ETPH by CT DEP method  PAHs only by EPA method 8270  VOCs by EPA Method 8260  Total 8 RCRA Metals  SPLP Metals  Additional Analytes Requested - ESD 7/23/10 Note: RCP Data Package Requested.
HA-ACC21-8201-52	6-29-10	0955	0-5-1'	Soil			X					1	
HA-ACC21-8201-53	6-29-10	1004	1-1.5'	Soil			X					1	
HA-ACC21-8201-54	6-29-10	1010	1.5-2.0	Soil			X					1	
HA-ACC21-8201-55	6-29-10	1015	2.0-3.0	Soil			X					1	
HA-ACC21-8201-56	6-29-10	1022	3.0-4.0	Soil			X					1	
HA-ACC21-8201-57	6-29-10	1140	4.0-4.5'	Soil			X					1	
HA-ACC21-8201-58	6-29-10	1055	4.5-7'	Soil			X					1	
HA-ACC21-8201-59	6-29-10	1050	4-6'	Soil	X							4	
HA-ACC21-8201-60	6-29-10	1050	4-6'	Soil								4	
Sampling Comments: - Please hold samples pending add assignments - Freeze all PCB samples - Please run MS/MSD on project samples													

ALPHA Job # L10098 66

**HALEY & ALDRICH**Haley & Aldrich, Inc.  
800 Connecticut Blvd.  
East Hartford, CT 06108

## CHAIN OF CUSTODY RECORD

Phone (860) 282-9400  
Fax (860) 282-9500

Page 1 of 7

H&amp;A FILE NO.

35034-004

PROJECT NAME

23 Barry Place

H&amp;A CONTACT

Eilda Danaher

LABORATORY

Alpha Analytical

ADDRESS

Westborough, MA

CONTACT

Gina Hall

DELIVERY DATE

30 JUNE 2010

TURNAROUND TIME

Normal 15-20 days

PROJECT MANAGER

D. Molycka-Downie

Analysis Requested

Sample No.	Date	Time	Depth (ft bgs)	Type	VOCs by 8260	ETPH by CTDEP	PAHs only by 8270	PCBs by EPA method 8082	Total 8 RCRA	SPLP	HOLD	Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)
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HA-ACC21-8201-51	6-29-10	0945	0-0.5	Soil				X				1	PCBs by EPA Method 8082 - Soxhlet extraction
HA-ACC21-8201-82	6-29-10	0955	0-5-1'	Soil				X				1	ETPH by CT DEP method
HA-ACC21-8201-53	6-29-10	1004	1-1.5'	Soil				X				1	PAHs only by EPA method 8270
HA-ACC21-8201-54	6-29-10	1010	1.5-2.0	Soil				X				1	VOCs by EPA Method 8260
HA-ACC21-8201-55	6-29-10	1015	2.0-3.0	Soil				X				1	Total 8 RCRA Metals
HA-ACC21-8201-56	6-29-10	1022	3.0-4.0	Soil				X				1	SPLP Metals
HA-ACC21-8201-57	6-29-10	1140	4.0-4.5'	Soil				X				1	
HA-ACC21-8201-58	6-29-10	1055	4.5-7'	Soil							X	1	
HA-ACC21-8201-59	6-29-10	1050	4-6'	Soil	X							4	Note: RCP Data Package Requested.

Sampled and Relinquished by

Received by

LIQUID

Sampling Comments

Sign *[Signature]*Sign *[Signature]*

Print Stephen J. Broussard

Print Wayne Plumas

Firm Haley &amp; Aldrich, Inc

Firm Alpha

Date 30 May 2010 Time

Date 6/20/10 Time 2:10

Relinquished by

Received by

Volume

VOA Vial

Amber Glass

Plastic Bottle

Preservative

- Please hold samples pending add. assignments

- Freeze all PCB samples

- Please turn MS/MSD on proper samples

Sign *[Signature]*Sign *[Signature]*

Print Wayne Plumas

Firm Alpha

Firm Alpha

Date 6/20/10 Time 1640

Date 6/20/10 Time 1640

Relinquished by

Received by

Volume

VOA Vial

Amber Glass

Plastic Bottle

Preservative

- Please hold samples pending add. assignments

- Freeze all PCB samples

- Please turn MS/MSD on proper samples

Sign *[Signature]*Sign *[Signature]*

Print Wayne Plumas

Firm Alpha

Firm Alpha

Date 6/20/10 Time 1640

Date 6/20/10 Time 1640

Relinquished by

Received by

Volume

VOA Vial

Amber Glass

Plastic Bottle

Preservative

- Please hold samples pending add. assignments

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Sign *[Signature]*Sign *[Signature]*

Print Wayne Plumas

Firm Alpha

Firm Alpha

Date 6/20/10 Time 1640

Date 6/20/10 Time 1640

Relinquished by

Received by

Volume

VOA Vial

Amber Glass

Plastic Bottle

Preservative

- Please hold samples pending add. assignments

- Freeze all PCB samples

- Please turn MS/MSD on proper samples

Sign *[Signature]*Sign *[Signature]*

Print Wayne Plumas

Firm Alpha

Firm Alpha

Date 6/20/10 Time 1640

Date 6/20/10 Time 1640

Relinquished by

Received by

Volume

VOA Vial

Amber Glass

Plastic Bottle

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Sign *[Signature]*Sign *[Signature]*

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Firm Alpha

Date 6/20/10 Time 1640

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Volume

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Sign *[Signature]*Sign *[Signature]*

Print Wayne Plumas

Firm Alpha

Firm Alpha

Date 6/20/10 Time 1640

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Plastic Bottle

Preservative

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- Please turn MS/MSD on proper samples

Sign *[Signature]*Sign *[Signature]*

Print Wayne Plumas

Firm Alpha

Firm Alpha

Date 6/20/10 Time 1640

Date 6/20/10 Time 1640

Relinquished by

Received by

Volume

VOA Vial

Amber Glass

Plastic Bottle

Preservative

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- Freeze all PCB samples

- Please turn MS/MSD on proper samples

Sign *[Signature]*Sign *[Signature]*

Print Wayne Plumas

Firm Alpha

Firm Alpha

Date 6/20/10 Time 1640

Date 6/20/10 Time 1640

Relinquished by

Received by

Volume

VOA Vial

Amber Glass

Plastic Bottle

Preservative

- Please hold samples pending add. assignments

- Freeze all PCB samples

- Please turn MS/MSD on proper samples



**HALEY & ALDRICH**Haley & Aldrich, Inc.  
800 Connecticut Blvd.  
East Hartford, CT 06108ALPHA Job # L10098 66

## CHAIN OF CUSTODY RECORD

Phone (860) 282-9400  
Fax (860) 282-9500  
Page 1 of 7

HEA FILE NO. 35034-004

PROJECT NAME 23 Barry Place

HEA CONTACT Elida Danaher

LABORATORY Alpha Analytical

ADDRESS Westborough, MA

CONTACT Gina Hall

DELIVERY DATE 30 June 2010

TURNAROUND TIME Normal 15-20 days

PROJECT MANAGER D. Molykade-Downie

Sample No.	Date	Time	Depth (ft. bgs)	Type	VOCs by 8260	ETPH by CTDEP	PAHs only by 8270	PCBs by EPA method 8082	Total 8 RCRA	SPLP	Analysis Requested	Hold	Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)
HA-ACC21-0201-51	6-29-10	0945	0-0.5'	Soil				X					1	PCBs by EPA Method 8082 - Soxhlet extraction
HA-ACC21-0201-52	6-29-10	0955	0.5-1'	Soil				X					1	ETPH by CT DEP method
HA-ACC21-0201-53	6-29-10	1004	1-1.5'	Soil				X					1	PAHs only by EPA method 8270
HA-ACC21-0201-54	6-29-10	1010	1.5-2.0'	Soil				X					1	VOCs by EPA Method 8260
HA-ACC21-0201-55	6-29-10	1015	2.0-3.0'	Soil				X					1	Total 8 RCRA Metals
HA-ACC21-0201-56	6-29-10	1022	3.0-4.0'	Soil				X					1	SPLP Metals
HA-ACC21-0201-57	6-29-10	1140	4.0-4.5'	Soil				X					1	
HA-ACC21-0201-58	6-29-10	1055	4.5-7'	Soil				X					1	
HA-ACC21-0201-59	6-29-10	1050	4-10'	Soil	X								4	
<p>Note: RCP Data Package Requested.</p> <p>Sampling Comments</p> <p>HA-ACC21-0201-51: Please hold samples pending add. assignment.</p> <p>HA-ACC21-0201-52: Please hold PCB samples.</p> <p>HA-ACC21-0201-53: Please run MS/MSD on project samples.</p>														

Sign	Print	Firm	Date	Time	Received by	Print	Firm	Date	Time
Sign <i>[Signature]</i>	Print <i>Stephen J. Brousseau</i>	Firm <i>Haley &amp; Aldrich, Inc</i>	Date <i>30 May 2010</i>	Time	Received by <i>[Signature]</i>	Print <i>Wayne Plummer</i>	Firm <i>Alpha</i>	Date <i>6/20/10</i>	Time <i>2:10</i>
Sign <i>[Signature]</i>	Print <i>Wayne Plummer</i>	Firm <i>Alpha</i>	Date <i>6/20/10</i>	Time <i>16:40</i>	Received by <i>[Signature]</i>	Print <i>Pratibha Meenaksh</i>	Firm <i>Alpha</i>	Date <i>6/20/10</i>	Time <i>6:10</i>
Sign <i>[Signature]</i>	Print <i>Pratibha Meenaksh</i>	Firm <i>Alpha</i>	Date <i>6/20/10</i>	Time <i>6:10</i>	Received by <i>[Signature]</i>	Print <i>P. G. Gilbert</i>	Firm <i>Alpha</i>	Date <i>7-14-10</i>	Time <i>9:30</i>

Sample No.	Date	Time	Depth (ft. bgs)	Type	VOCs by 8260	ETPH by CTDEP	PAHs only by 8270	PCBs by EPA method 8082	Total 8 RCRA	SPLP	Analysis Requested	Hold	Number of Containers	Comments (special instructions, precautions, additional method numbers, etc.)
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HA-ACC21-0201-55	6-29-10	1015	2.0-3.0'	Soil				X					1	Total 8 RCRA Metals
HA-ACC21-0201-56	6-29-10	1022	3.0-4.0'	Soil				X					1	SPLP Metals
HA-ACC21-0201-57	6-29-10	1140	4.0-4.5'	Soil				X					1	
HA-ACC21-0201-58	6-29-10	1055	4.5-7'	Soil				X					1	
HA-ACC21-0201-59	6-29-10	1050	4-10'	Soil	X								4	

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HA-ACC21-0201-51	6-29-10	0945												



# Sample Delivery Group Form

Laboratory Job number: L1009865

Client Account: Haley &amp; Aldrich, Inc.

Received: 06/30/2010 16:40

Samples Delivered by: COURIER	Call Tracker #
Bill Of Laden N/A	Trackingnum
Coc Present: Present	

Container Status Intact	Sample IDs samples rec'd from Westboro 7/17/10 @ 1030 at 3°C (IR=9403L)
-------------------------	-------------------------------------------------------------------------

All Containers Accounted For? Yes
Were Extra Samples Received? No
Do Sample Labels and COC agree? Yes
Are Samples in Appropriate Containers? Yes
Are Samples Received within Holding time? Yes

pH of Samples upon Receipt N/A	Are samples Properly Preserved? Yes
Initial pH preserved in house with	Final pH
Other Issues	
Chlorine Check N/A	

Are VOA/PH Vials Present? No
Aqueous: Do Vials Contain Head Space? N/A
Soils: Is MeOH Covering the Soil? N/A
Reagent H2O Preserved vials Frozen on N/A
Frozen by Client N/A

Cooler	Seal	Ice Present	Blue Ice Present	Temp. (Celsius)	Frozen upon Receipt	Delivered Direct from Site
A	Absent	Yes	No	2 - IR Gun	No	No